

CLASSIFICATION S-E-C-R-E-T
SECURITY INFORMATION
CENTRAL INTELLIGENCE AGENCY
INFORMATION FROM
FOREIGN DOCUMENTS OR RADIO BROADCASTS

COUNTRY USSR
SUBJECT Economic; Technological - Machine tools
HOW PUBLISHED Monthly periodical
WHERE PUBLISHED Moscow
DATE PUBLISHED Jan 1953
LANGUAGE Russian

REPORT [redacted] CD NO.
DATE OF INFORMATION 1951 - 1953
DATE DIST. 14 Sep 1953
NO. OF PAGES 1
SUPPLEMENT TO REPORT NO.

50X1-HUM

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT, 50 U.S.C. 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE Stanki i Instrument, No 1, 1953.

EXPERIMENTAL EQUIPMENT FOR MACHINE TOOL PLANTS

Each year, plants of the Ministry of Machine Tool Building receive a large number of different models of machine tools, machines, tools, instruments, and new-design grinding products from institutes and bureaus of the ministry. The better models are turned over for series production. In 1951, for example, of the products developed by the ENIMS (Experimental Scientific Research Institute of Metal-Cutting Machine Tools), the following were put into series production: 5 universal machine tools, 23 types of electrical equipment and apparatus, 39 hydraulic instruments and apparatus, and 31 power units and instruments; of those developed by VNII (All-Union Scientific Research Tool Institute): 49 types of various cutting tools; by the BV (Bureau of Interchangeability): 2 measuring instruments for universal purposes; by NIIDREVMASH (Scientific Research Institute of Woodworking Machines): 15 woodworking machines; by NIILTMASH (Scientific Research Institute of Foundry Machinery): 6 casting machines; and by VNIASH (Scientific Research Institute of Abrasives and Grinding): 31 types of grinding products.

In 1952, a number of machine tools were put into series production. These include Model LP365 turret lathe, LP625 and LP61 universal screw-cutting lathes, Model 5P84 spur and helical gear grinding machine. Model 528 gear cutting machine, etc.

50X1-HUM

Although these machine tools have made it possible to achieve high productivity and machining accuracy, there are a number of instances where the results of scientific research, experimental, designing, and technological work have not been adopted by industry. This applies in particular to high-duty gear-processing machines and tools, ceramic cutters, and high-speed grinding machines and methods.

To improve this situation, it has been suggested that institutes establish contact with plants at the outset of any scientific research project. The subject, scope, and date of its adoption can then be worked out more effectively.

- E N D -

- 1 -

STATE		CLASSIFICATION		S-E-C-R-E-T		DISTRIBUTION									
ARMY	<input checked="" type="checkbox"/>	NAVY	<input checked="" type="checkbox"/>	NSRB											
	<input checked="" type="checkbox"/>	AIR	<input checked="" type="checkbox"/>	FBI											